

REMARKS

Claims 1 through 3 have been amended (claim 1 directly, the dependent claims by implication) to more particularly point out distinctions of the Applicants' invention from the cited reference, USPN 6295832. Detailed review of that reference shows that the desiccant jacket body 23 referred to therein is very different from that claimed, and the structure as a whole is not read upon by the subject claims.

Briefly reviewing the scope and intent of the subject invention, it is to provide a braze tolerant, braze cooperative desiccant cartridge assembly, a pre braze insertable unit in which the tank closures are brazed as well, and not removable. Thus, the cartridge assembly of the subject invention would not be inserted after the basic core braze process, nor could it be removed and serviced afterward. It would be permanently sealed in. Additionally, the clip that holds it in place within the tank is intended not just to locate it radially and centered, but to locate it axially within the tank, as well, alone.

USPN 6295832 clearly has a very different intent and function. The inner tube 16 is not part of any desiccant assembly. It just happens to be located centrally within ("disposed" as the patent says) the inner tube 16 of a receiver tank 2 which is formed as a double walled structure for reasons entirely unrelated to installing the desiccant. The closures of the tank at top (20) and bottom (21) are clearly removable and not brazed in place. The bottom cap 21 is attached by a screw, and the top cap 20 has O rings, which are clearly not braze tolerant. As a consequence, there is no need that, or teaching that, the desiccant material and whatever sleeve 23 it is packed within (most likely just a standard plastic or nylon sleeve) would be braze tolerant. The desiccant material is clearly not pre packed within the inner tube 16, it just hangs

within it, depending from a filter 22 that clearly appears to be hanging from the removable top cap 20. That is typical, so that the whole desiccant sleeve can be pulled out with the removable top cap 20, totally different from the subject invention's design tent.

The purpose for the inner tube 16 is, as noted, clearly not to have the desiccant sleeve 23 pre packed or pre installed within in. It is brazed within the outer tube 17, and is radially centered by projections (in part) by integral projections 16a (in one embodiment), but those projections are not necessary. What is necessary is that the enlarged bottom of the inner tube 16 be closely contained within the inside bottom of the outer tube 17, which provides a seal, and also provides total radial and axial location. Projections 16a are not absolutely necessary to that, in the way that the clip 36 is necessary to the subject invention. The basic purpose for the inner tube 16 is to create the narrow space 19, open only to the refrigerant inlet 24, which will cause the entering refrigerant to "squirt" or fountain upward, rapidly, allegedly separating into liquid and gas components, the liquid fraction of which will flow down through the top of the inner tube 16. On the way, the liquid refrigerant fraction will also flow through the filter 22 and desiccant sleeve 23 that hangs down "disposed" within the center of the inner tube 16. But, again, that desiccant sleeve 23 is clearly not packed in or part of that inner tube 16 within the clear meaning of the subject invention. It is a post braze installation only, 180 degrees opposite to the design intent of the invention.

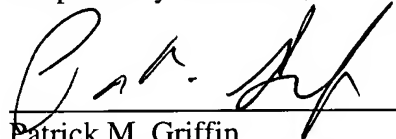
Accordingly, it is respectfully requested that the rejection of the claims be reconsidered in view of the amendments thereto and withdrawn, and that the claims be allowed.

Conclusion

It is believed, in view of the amendments and remarks herein, that all grounds of rejection of the claims have been addressed and overcome, and that all claims are in condition for allowance. If it would further prosecution of the application, the Examiner is urged to contact the undersigned at the phone number provided.

The Commissioner is hereby authorized to charge any fees associated with this communication to Deposit Account No. 50-0831.

Respectfully submitted,



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